

Ref.

OPINIONS AND DECLARATIONS RENDERED BY THE INTER- NATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

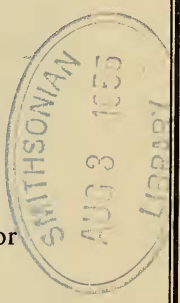
Edited by

FRANCIS HEMMING, C.M.G., C.B.E.
Secretary to the Commission

VOLUME 10. Part 18. Pp. 463—480

DIRECTION 14

Addition to the *Official List of Family-Group Names in Zoology* or, as the case may be, to the *Official Index of Rejected and Invalid Family-Group Names in Zoology* of the family-group names involved in the applications relating to the names of ammonites published in volume 2 of the *Bulletin of Zoological Nomenclature*.



LONDON :

Printed by Order of the International Trust for
Zoological Nomenclature
and

Sold on behalf of the International Commission on Zoological
Nomenclature by the International Trust at its Publications Office
41, Queen's Gate, London, S.W.7
1955

Price Nine Shillings
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INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

COMPOSITION AT THE TIME OF THE ADOPTION OF THE RULING GIVEN IN DIRECTION 14

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(*Arranged in order of precedence by reference to date of election or of most recent re-election, as prescribed by the International Congress of Zoology*)

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Professor Enrico Tortonese (*Istituto e Museo di Zoologia della Università di Torino, Torino, Italy*) (16th December 1954)

DIRECTION 14

ADDITION TO THE " OFFICIAL LIST OF FAMILY-GROUP
NAMES IN ZOOLOGY " OR, AS THE CASE MAY BE,
TO THE " OFFICIAL INDEX OF REJECTED AND
INVALID FAMILY-GROUP NAMES IN ZOOLOGY "
OF THE FAMILY-GROUP NAMES INVOLVED
IN THE APPLICATIONS RELATING TO THE
NAMES OF AMMONITES PUBLISHED IN
VOLUME 2 OF THE " BULLETIN OF
ZOOLOGICAL NOMENCLATURE "

RULING :—(1) The under-mentioned family-group names involved in the applications relating to the names of ammonites published in volume 2 of the *Bulletin of Zoological Nomenclature* are hereby placed on the *Official List of Family-Group Names in Zoology* with the Name Nos. severally specified below :—

- (1) SPHAEROCERATIDAE Buckman (S.S.), 1920 (type genus : *Sphaeroceras* Bayle, 1878) (Name No. 13) ;
- (2) MACROCEPHALITIDAE Buckman (S.S.), 1922 (type genus : *Macrocephalites* Zittel, 1884) (Name No. 14) ;
- (3) PICTONIIDAE (correction of PICTONIDAE) Spath (L.F.), 1924 (type genus : *Pictonia* Bayle, 1878) (Name No. 15) ;
- (4) RASENIINAE Schindewolf, 1925 (type genus : *Rasenia* Salfeld, 1913) (Name No. 16) ;
- (5) AULACOSTEPHANIDAE Spath (L.F.), 1924 (type genus : *Aulacostephanus* Tornquist, 1896) (Name No. 17) ;
- (6) KOSMOCERATIDAE Haug, 1887 (type genus : *Kosmoceras* Waagen, 1869) (Name No. 18) ;
- (7) PERISPINCTINAE Steinman, 1890 (type genus : *Perispinctes* Waagen, 1869) (Name No. 19) ;
- (8) HARPOCERATINAE (correction of HARPOCERATINEN) Neumayr, 1875 (type genus : *Harpoceras* Waagen, 1869) (Name No. 20) ;

- (9) HILDOCERATIDAE Hyatt, 1867 (type genus : *Hildoceras* Hyatt, 1867) (Name No. 21) ;
- (10) PHYLLOCERATIDAE Zittel, 1884 (type genus : *Phylloceras* Suess, 1865) (Name No. 22) ;
- (11) ARIETITIDAE (correction of ARIETIDAE) Hyatt, 1874 (type genus : *Arietites* Waagen, 1869) (Name No. 23) ;
- (12) SCHLOTHEIMIIDAE (correction of SCHLOTHEIMIDAE) Spath (L.F.), 1923 (type genus : *Schlotheimia* Bayle, 1878) (Name No. 24) ;
- (13) ARNIOCERATIDAE Spath (L.F.), 1924 (type genus : *Arnioceras* Hyatt, 1867) (Name No. 25) ;
- (14) LIPAROCERATIDAE Hyatt, 1867 (type genus : *Liparoceras* Hyatt, 1867) (Name No. 26) ;
- (15) AGASSICERATIDAE Spath (L.F.), 1924 (type genus : *Agassiceras* Hyatt, 1875) (Name No. 27) ;
- (16) ASTEROCERATIDAE Spath (L.F.), 1946 (type genus : *Asteroceras* Hyatt, 1866) (Name No. 28) ;
- (17) CADOCERATIDAE Hyatt, 1900 (type genus : *Cadoceras* Fischer, 1882) (Name No. 29) ;
- (18) ECHIOCERATIDAE Buckman (S.S.), 1913 (type genus : *Echioceras* Bayle, 1878) (Name No. 30) ;
- (19) OPPELIIDAE Bonarelli, 1893 (type genus : *Oppelia* Waagen, 1869) (Name No. 31) ;
- (20) PSEUDOPERISPHINCTIDAE Schindewolf, 1925 (type genus *Pseudoperisphinctes* Schindewolf, 1923 (Name No. 32) ;
- (21) PSILOCERATIDAE Hyatt, 1867 (type genus : *Psiloceras* Hyatt, 1867) (Name No. 33) ;
- (22) STEPHANOCERATIDAE (correction of STEPHANOCERATINEN) Neumayr, 1875 (type genus : *Stephanoceras* Waagen, 1869) (Name No. 34).

(2) The under-mentioned family-group names involved in applications relating to the names of ammonites

published in volume 2 of the *Bulletin of Zoological Nomenclature* are hereby placed on the *Official Index of Rejected and Invalid Family-Group Names in Zoology* with the Name Nos. severally specified below :—

- (1) PICTONIDAE Spath (L.F.), 1924 (type genus : *Pictonia* Bayle, 1878) (an Invalid Original Spelling for PICTONIIDAE) (Name No. 32) ;
- (2) HARPOCERATINEN Neumayr, 1875 (type genus : *Harpoceras* Waagen, 1869) (an Invalid Original Spelling for HARPOCERATIDAE) (Name No. 33) ;
- (3) AMMONITEA De Haan, 1825 (type genus : *Ammonites* Bruguière, 1789) (an Invalid Original Spelling for AMMONITIDAE, an invalid name because a name based upon a generic name suppressed by the Commission under its Plenary Powers) (Name No. 34) ;
- (4) AMMONITIDAE Owen (R.), 1836 (type genus : *Ammonites* Bruguière, 1789) (invalid because based upon a generic name suppressed by the Commission under its Plenary Powers) (Name No. 35) ;
- (5) ARIETIDAE Hyatt, 1874 (type genus : *Arietites* Waagen, 1869) (an Invalid Original Spelling for ARIETITIDAE) (Name No. 36) ;
- (6) SCHLOTHEIMIINÉS Douvillé (H.), 1916 (type genus : *Schlotheimia* Bayle, 1878) (invalid because a vernacular (French) word and not a Latin or Latinised word) (Name No. 37) ;
- (7) SCHLOTHEIMIDAE Spath (L.F.), 1923 (type genus : *Schlotheimia* Bayle, 1878) (an Invalid Original Spelling for SCHLOTHEIMIIDAE) (Name No. 38) ;
- (8) ANGULATIDAE Hyatt, 1874 (type genus : *Schlotheimia* Bayle, 1878) (invalid because based upon the specific name of the type species of the type genus instead of upon the name of that genus) (Name No. 39) ;

- (9) STEPHANOCERATINEN Neumayr, 1875 (type genus : *Stephanoceras* Waagen, 1869) (an Invalid Original Spelling for STEPHANOCERATIDAE) (Name No. 40) ;
- (10) STEPHEOCERATIDAE Buckman (S.S.), 1898 (type genus : *Stepheoceras* Buckman (S.S.), 1898) (invalid because the name *Stepheoceras* Buckman, 1898, is a junior objective synonym of *Stephanoceras* Waagen, 1869, the name of the type genus of STEPHANOCERATIDAE (correction of STEPHANOCERATINEN Neumayr, 1875, a name which has priority over STEPHEOCERATIDAE Buckman, 1898) (Name No. 41).

I.—THE SUBJECT MATTER OF THE PRESENT “ DIRECTION ”

The present *Direction*¹ contains the first instalment of decisions relating to family-group names involved in applications published in volume 2 of the *Bulletin of Zoological Nomenclature* taken by the International Commission on Zoological Nomenclature in pursuance of the General Directive given to it by the Fourteenth International Congress of Zoology, Copenhagen, 1953, that, when placing names on the *Official List of Generic Names in Zoology*, it shall in suitable cases place either on the *Official List of Family-Group Names in Zoology* or on the corresponding *Official Index* of such names, family-group names based upon the generic names in question. The present instalment of decisions is concerned with the family-group-name problems involved in the eighteen applications concerned with the names of ammonites which were published in 1951 in the volume of the *Bulletin* referred to above. The proposals upon which the decision in this case

¹ The immediately preceding *Direction* (*Direction* 13), which was concerned with the addition to the *Official Index of Rejected and Invalid Generic Names in Zoology* of the generic name *Manatus* Brünnich, 1771, has been published as Part C.4 of Section C of volume 1 of the present work (1955, *Ops. Decls. int. Comm. zool. Nomencl.* 1 (C) : 51-66).

was taken were submitted to the Commission by the Secretary in the following paper on 11th February 1955 :—

Proposed addition to the “ Official List of Family-Group Names in Zoology ” and to the “ Official Index of Rejected and Invalid Family-Group Names in Zoology ” of the Family-group names of ammonites involved in the applications by Dr. W. J. Arkell published in Volume 2 of the “ Bulletin of Zoological Nomenclature ”

By FRANCIS HEMMING, C.M.G., C.B.E.,

Secretary to the International Commission on Zoological Nomenclature

The present paper is concerned with the family-group names involved in the applications relating to the names of ammonites submitted by Dr. W. J. Arkell (*Sedgwick Museum, Cambridge University*), which were published in volume 2 of the *Bulletin of Zoological Nomenclature*. Decisions on these applications were taken by Postal Vote in 1952 and 1953. In most cases the decisions so taken have been embodied in *Opinions* which have either already been published or are now in the press. All these applications were prepared before the establishment by the Fourteenth International Congress of Zoology, Copenhagen, 1953, of the *Official List of Family-Group Names in Zoology* and of the *Official Index of Rejected and Invalid Family-Group Names in Zoology* and the issue by that Congress to the Commission of a General Directive to deal with the family-group name position when placing generic names on the *Official List of Generic Names in Zoology*. The object of the present paper is to formulate for the consideration of the Commission proposals designed to comply, as regards the foregoing cases, with the General Directive referred to above. These proposals are set out in the annexe attached to the present note.

2. The information on which the present proposals are based has been kindly furnished by Dr. Arkell, to whom the Commission is much indebted for the care and trouble which he has been good enough to take.

3. It will be noted that in a few cases it is proposed to add a name to the *Official List* with a note to the effect that the name is so added for use by specialists who take the taxonomic view that genus “ A ” (the type genus of the family-group concerned) and genus “ B ” (the type genus of some other family-group, the name of which it is also proposed to add to the *Official List*) belong to different family-groups. This procedure follows a General Directive originally given to the

Commission by the International Congress of Zoology that, in order to avoid the appearance of taking a stand on taxonomic questions when placing names on the *Official List of Generic Names in Zoology*, it is to put two or more names on the *List* in cases where specialists differ in opinion on the question of the number of separata taxa involved, the later published of such names to be endorsed on the lines indicated above (1950, *Bull. zool. Nomencl.*, 4 : 237, 268). This Directive, with other regulations governing the previously established *Official Lists*, was applied to the *Official List of Family-Group Names in Zoology* by the Fourteenth International Congress of Zoology, Copenhagen, 1953.

4. The proposals now submitted are arranged in the order in which the applications to which they refer were published in volume 2 of the *Bulletin of Zoological Nomenclature*, it being considered that this is the most convenient arrangement both for members of the Commission and also for purposes of record.

ANNEXE

Proposals for the addition to the " Official List of Family-Group Names in Zoology " and to the " Official Index of Rejected and Invalid Family-Group Names in Zoology " of the names of certain family-groups in the Class Ammonoidea

- (1) *Sphaeroceras* Bayle, 1878 (*Bull.* 2 : 164—166) (*Opinion* 300)

The family-group name SPHAEROCERATIDAE Buckman (S.S.), 1920 (*Type Ammonites* 3 : 22) (type genus : *Sphaeroceras* Bayle, 1878) to be placed on the *Official List*.

- (2) *Procerites* Siemiradzki, 1898 (*Bull.* 2 : 167—169) (*Opinion* 301)

No family-group name is involved in this case.

- (3) *Macrocephalites* Zittel, 1884 (*Bull.* 2 : 170—177)

The family-group name MACROCEPHALITIDAE Buckman (S.S.), 1922 (*Type Ammonites* 4 : 24, 54) (type genus : *Macrocephalites* Zittel, 1884) to be placed on the *Official List*.

- (4) *Pictonia* Bayle, 1878, and *Rasenia* Salfeld, 1913 (*Bull.* 2 : 178—187)

The following family-group names to be placed on the *Official List* :—

- (a) PICTONIIDAE (correction of PICTONIDAE) Spath, 1924 (*Pal. ind.* (n.s.) 9 (Mem. 1) : 13) (type genus : *Pictonia* Bayle, 1878) ;

- (b) RASENIINAE Schindewolf, 1925 (*Neue Jahrb. Min. Geol.* 52 (B) : 333 (type genus : *Rasenia* Salfeld, 1913) (for use by specialists who take the taxonomic view that *Rasenia* Salfeld and *Pictonia* Bayle are referable to different family-groups).

The following family-group name to be placed on the *Official Index* :—

PICTONIDAE Spath (L.F.), 1924 (an Invalid Original Spelling of PICTONIIDAE).

- (5) *Aulacostephanus* Tornquist, 1896 (*Bull.* 2 : 188—190) (*Opinion* 302)

The following family-group name to be placed on the *Official List* :—

AULACOSTEPHANIDAE Spath, 1924 (*Pal. ind.* (n.s.) 9 (Mem. 1 : 13 (type genus : *Aulacostephanus* Tornquist, 1896) (for use by specialists who take the taxonomic view that *Aulacostephanus* Tornquist and *Pictonia* Bayle are referable to different family-groups).

- (6) *Kosmoceras*, *Perisphinctes* and *Harpoceras*, all of Waagen, 1869 (*Bull.* 2 : 191—193) (*Opinion* 303)

(a) The following family-group names to be placed on the *Official List* :—

- (i) KOSMOCERATIDAE Haug, 1887 (*Neues Jahrb. Min. Geol.* 1887 : 156) (type genus : *Kosmoceras* Waagen, 1869) ;
- (ii) PERISPINCTINAE Steinman, 1890 (*in* Steinmann & Döderlein, *Elemente der Paläontologie* : 441) (type genus : *Perisphinctes* Waagen, 1869) ;
- (iii) HARPOCERATINAE (correction of HARPOCERATINEN) Neumayr, 1875 (*Z. deutsch. geol. Ges.* 27 : 905) (type genus : *Harpoceras* Waagen, 1869) (first published in correct form, as HARPOCERATIDAE, by Zittel, 1884 (*Handbuch der Paläontologie* (Abt. 1) 2 : 458) (for use by specialists who take the taxonomic view that *Harpoceras* Waagen and *Hildoceras* Hyatt, 1867, are referable to different family-groups).

NOTES :—(1) As shown above, this family-group name was first published by Neumayr in 1875 with the irregular “-en” (vernacular termination).

This name is, however, always attributed to Neumayr, and it is proposed here that it should be so treated under the special procedure prescribed by the Fourteenth International Congress of Zoology, Copenhagen, 1953 (1953, *Copenhagen Decisions zool. Nomencl.* : 35—36, Decision 53).

(2) For the proposal submitted regarding the family-group name based upon the generic name *Hildoceras* Hyatt, see Proposal (8)(a) below ;

- (b) The following name to be placed on the *Official Index* :—
 HARPOCERATINEN Neumayr, 1875 (*Z. deutsch. geol. Ges.* 27 : 905) (type genus : *Harpoceras* Waagen, 1869) (an Invalid Original Spelling for HARPOCERATINAE).

- (7) *Planites* de Haan, 1825 (*Bull.* 2 : 194—197)

No family-group name is involved in this case.

- (8) Certain names fallen into desuetude (*Bull.* 2 : 198—199) (*Opinion* 304)

The following family-group names to be placed on the *Official List* :—

- (a) HILDOCERATIDAE Hyatt, 1867 (*Bull. Mus. comp. Zool.* 1 : 99) (type genus : *Hildoceras* Hyatt, 1867) ;
 (b) PHYLLOCERATIDAE Zittel, 1884 (*Handb. der Paläontologie* (Abt. 1) 2 : 434) (type genus : *Phylloceras* Suess, 1865).

- (9) *Ammonites* Bruguière, 1789, and *Arietites* Waagen, 1869 (*Bull.* 2 : 200—203) (*Opinion* 305)

- (a) The following family-group name to be placed on the *Official List* :—

ARIETITIDAE (correction of ARIETIDAE) Hyatt, 1874 (*Proc. Boston Soc. nat. Hist.* 17 : 225) (type genus : *Arietites* Waagen, 1869) (believed to have been first published in correct form as ARIETITIDAE by Haug, 1885, *Neues Jahrb. Min. Geol.*, B.-B. 3 : 713 ;

- (b) The following family-group names to be placed on the *Official Index* :—

- (i) AMMONITEA de Haan, 1825 (*Specimen phil. inaug.* : 76) (type genus : *Ammonites* Bruguière, 1789) (an Invalid Original Spelling for AMMONITIDAE) ;
 (ii) AMMONITIDAE Owen (R.), 1836 (*in* Todd (R.B.), *Cyclopaedia of Anatomy & Physiology* 1 : 520)

(type genus : *Ammonites* Bruguière, 1789) (family-group name based upon a generic name suppressed under the Plenary Powers) ;

- (iii) ARIETIDAE Hyatt, 1874 (*Proc. Boston nat. Hist. Soc.* 17 : 225) (type genus : *Arietites* Waagen, 1869) (an Invalid Original Spelling for ARIETITIDAE).

(10) *Schlotheimia* Bayle, 1878 (*Bull.* 2 : 204—207) (*Opinion* 323)

- (a) The following family-group name to be placed on the *Official List* :—

SCHLOTHEIMIIDAE (correction of SCHLOTHEIMIDAE) Spath (L.F.), 1923 (*Quart. J. geol. Soc.* 89 : 79) (type genus : *Schlotheimia* Bayle, 1878) ;

- (b) The following family-group names to be placed on the *Official Index* :—

(i) SCHLOTHEIMIINÉS Douvillé (H.), 1916 (*Mém. Acad. Sci.*, Paris (2) 54 : 17) (type genus *Schlotheimia* Bayle, 1878) (invalid because a vernacular (French) word and not a Latin or Latinised word) ;

(ii) ANGULATIDAE Hyatt, 1874 (*Proc. Boston nat. Hist. Soc.* 17 : 15) (a family-group name based not upon a type genus but upon a type species, *Ammonites angulatus* Schlotheim, 1820, the type species of the genus *Schlotheimia* Bayle, 1878, the type genus of the family-group SCHLOTHEIMIDAE Spath, 1923) ;

(iii) SCHLOTHEIMIDAE Spath (L.F.), 1923 (an Invalid Original Spelling of SCHLOTHEIMIIDAE).

(11) *Seguenzicerias* Levi, 1896 (*Bull.* 2 : 208—213) (*Opinion* 337)

- The following family-group name to be placed on the *Official Index* :—

SEGUENZICERATIDAE Spath (L.F.), 1924 (*Proc. geol. Ass.* 35 : 192) (type genus : *Seguenzicerias* Levi, 1896) (invalid because name of type genus is a junior objective synonym of *Arieticerias* Seguenza, 1885).

(12) *Arisphinctes* Buckman (S.S.), 1924 (*Bull.* 2 : 214—216) (*Opinion* 306)

No family-group name is involved in this case.

- (13) *Arnioceras* Hyatt, 1867 (*Bull.* 2 : 217—219) (*Opinion* 307)

The following family-group name to be placed on the *Official List* :—

ARNIOCERATIDAE Spath, 1924 (*Proc. geol. Ass.* 35 : 189)
(type genus : *Arnioceras* Hyatt, 1867).

- (14) *Liparoceras* Hyatt, 1867 (*Bull.* 2 : 220—222) (*Opinion* 308)

The following family-group name to be placed on the *Official List* :—

LIPAROCERATIDAE Hyatt, 1867 (*Bull. Mus. comp. Zool.* 1 : 80)
(type genus : *Liparoceras* Hyatt, 1867).

- (15) *Normannites* Munier-Chalmas, 1892 (*Bull.* 2 : 222—223) (*Opinion* 309)

No family-group name is involved in this case.

- (16) Addition of the names of twenty-one genera of ammonites to the "Official List of Generic Names in Zoology" (*Bull.* 2 : 224—233) (*Opinion* 324)

Of the twenty-one genera involved, eight are the type genera of family-groups, the names of which should now be placed on the *Official List*. In addition, there are two names which should be placed on the *Official Index*. The names in question are the following :—

(a) *Names to be placed on the "Official List"* :—

- (i) AGASSICERATIDAE Spath (L.F.), 1924 (*Proc. geol. Ass.* 35 : 189, 207) (type genus : *Agassiceras* Hyatt, 1875) (for use by specialists who take the taxonomic view that *Agassiceras* Hyatt and *Arietites* Waagen, 1869 are referable to different family-groups) ;
- (ii) ASTEROCERATIDAE Spath (L.F.), 1946 (*Ann. Mag. nat. Hist.* (11) 12 : 496) (type genus : *Asteroceras* Hyatt, 1866) ;
- (iii) CADOCERATIDAE Hyatt, 1900 (*in* Eastman's *Zittel's Textbook of Palaeontology* 1(2) : 580) (type genus : *Cadoceras* Fischer, 1882) ;
- (iv) ECHIOCERATIDAE Buckman (S.S.), 1913 (*Type Ammonites* 2 : v) (type genus : *Echioceras* Bayle, 1878) ;

- (v) OPPELIDAE Bonarelli, 1893 (*Boll. Soc. malac. ital.* **18** : 81) (type genus : *Oppelia* Waagen, 1869) ;
- (vi) PSEUDOPERISPHINCTIDAE Schindewolf, 1925 (*Neues Jahrb. Min. Geol.* **52** (Abt. B) : 319) (type genus : *Pseudoperisphinctes* Schindewolf, 1923) ;
- (vii) PSILOCERATIDAE Hyatt, 1867 (*Bull. Mus. comp. Zool.* **3** : 72) (type genus : *Psiloceras* Hyatt, 1867) ;
- (viii) STEPHANOCERATINAE (correction of STEPHANOCERATINEN), Neumayr, 1875 (*Z. deutsch. geol. Ges.* **27** : 905) (type genus : *Stephanoceras* Waagen, 1869) (first published in the correct form STEPHANOCERATIDAE by Zittel, 1884, *Grundzüge Paläont.* : 467).

(b) Names to be placed on the " Official Index " :—

- (i) STEPHANOCERATINEN Neumayr, 1875 (*Z. deutsch. geol. Ges.* **27** : 905) (an Invalid Original Spelling for STEPHANOCERATIDAE) ;
- (ii) STEPHEOCERATIDAE Buckman (S.S.), 1898 (*Quart. J. geol. Soc. Lond.* **54** : 461) (type genus : *Stepheoceras* Buckman (S.S.), 1898) (invalid because *Stepheoceras* Buckman is a junior objective synonym of *Stephanoceras* Waagen, 1869, the type genus of STEPHANOCERATIDAE (correction of STEPHANOCERATINEN Neumayr, 1875, which has priority over STEPHEOCERATIDAE Buckman, 1898.

(17) Specific name *virgula* Deshayes, 1831, as published in the combination *Gryphaea virgula* (*Bull.* **2** : 234—235) (*Opinion* 310)

No family-group name is involved in this case.

(18) Specific name *asper* Lamarck, 1819, as published in the combination *Pecten asper* (*Bull.* **2** : 236—237) (*Opinion* 311)

No family-group name is involved in this case.

2. Registration of the present application : On receipt, the foregoing application was allotted the Registered Number Z.N.(S.) 864.

II.—THE DECISION TAKEN BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

3. Issue of Voting Paper V.P.(O.M.)(55)5 : Concurrently with the submission to the Commission of the application reproduced in paragraph 1 of the present *Direction*, a Call for a Vote, numbered Voting Paper V.P.(O.M.)(55)5, was issued on 11th February 1955 under the One-Month Rule. In this Voting Paper each Member of the Commission was asked to state (1) whether he agreed that, "in conformity with the General Directive relating to the recording on the various *Official Lists* and *Official Indexes* of decisions in regard to particular names and particular books issued to the International Commission by the Thirteenth International Congress of Zoology, Paris, 1948, and with the General Directive supplementary thereto issued to the Commission by the Fourteenth International Congress of Zoology, Copenhagen, 1953, the entries relating to the family-group names specified in the Annexe to the paper numbered Z.N.(S.) 864 submitted by the Secretary simultaneously with the present Voting Paper [i.e. in the annexe to the paper reproduced in the first paragraph of the present *Direction*], should be made in the *Official List* and *Official Index* for the names of taxa belonging to the family-group as there proposed", and (2), if he did not so agree as regards any given item, to indicate the item concerned.

4. The Prescribed Voting Period : As the foregoing Voting Paper was issued under the One-Month Rule, the Prescribed Voting Period closed on 11th March 1955.

5. Withdrawal from the scope of Voting Paper V.P.(O.M.)(55)5 of the proposal there submitted in relation to the family-group name "SEGUENZICERATIDAE" Spath (L.F.), 1924 :—On 11th March 1955 Mr. Hemming, as Secretary, placed the following Minute on the Commission's File Z.N.(S.) 864, withdrawing from the scope of Voting Paper V.P.(O.M.)(55)5 the proposal

there submitted in relation to the family-group name SEGUENZICERATIDAE Spath (L.F.), 1924 :—

The family-group name SEGUENZICERATIDAE Spath (L.F.), 1924 : withdrawal of proposals submitted with Voting Paper V.P.(O.M.)(55)5

MINUTE by FRANCIS HEMMING, C.M.G., C.B.E.,

Secretary to the International Commission on Zoological Nomenclature

On re-examining the proposals relating to the stabilisation of certain family-group names of ammonites submitted with Voting Paper V.P.(O.M.)(55)5, I regret to find that one of these proposals was incorrect, by reason of not being in harmony with one of the decisions in regard to the naming of taxa of the family-group taken at Copenhagen in 1953 by the Fourteenth International Congress of Zoology. Particulars of this case are set out below.

2. The recommendation in question was that the family-group name SEGUENZICERATIDAE Spath (L.F.), 1924 (type genus : *Seguenziceras* Levi, 1896) should be placed on the *Official Index of Rejected and Invalid Family-Group Names in Zoology*, having regard to the fact that by a Ruling given in the Commission's *Opinion* 337 (now in the press)¹ the generic name *Seguenziceras* Levi, 1896, is a junior objective synonym of *Arietoceras* Seguenza, 1885.

3. In submitting the foregoing recommendation I unfortunately overlooked the decision by the Copenhagen Congress that a family-group name is to be retained in cases where, as here, the name of the type genus of the family-group taxon concerned is changed by reason of that name being a junior objective synonym of some older generic name (1953, *Copenhagen Decisions zool. Nomencl.* : 36, Decision 54(1)(a)).

4. The foregoing decision by the Copenhagen Congress has been severely criticised and notice has been received of a proposal that it should be reversed by the next (Fifteenth) International Congress of Zoology when it meets in London in 1958. Subject to the use in individual cases of the Commission's Plenary Powers, the foregoing decision is, however, at present binding in all cases. Accordingly, as Secretary to the International Commission, I hereby withdraw the proposal submitted in this case from the scope of Voting Paper V.P.(O.M.)(55)5.

¹ This *Opinion* has now been published in the present volume (: 109-124).

6. Particulars of the Voting on Voting Paper V.P.(O.M.)(55)5 :

At the close of the Prescribed Voting Period the state of the voting on Voting Paper V.P.(O.M.)(55)5, less the proposal relating to the family-group name *SEGUENZICERATIDAE* Spath (L.F.), 1924, removed from the purview of that vote by the Direction given in the Secretary's Minute of 11th March 1955 reproduced in paragraph 5 of the present *Direction*, was as follows :—

(a) *Affirmative votes had been given by the following twenty (20) Commissioners (arranged in the order in which votes were received) :*

Vokes ; Hering ; Boschma ; Tortonese ; Stoll ; Miller ;
Mayr ; Bonnet ; Bradley (J.C.) ; Riley ; Sylvester-
Bradley ; Key ; Esaki ; Lemche ; Bodenheimer ;
Hemming ; Cabrera ; do Amaral ; Dymond ; Hankó ;

(b) *Negative Votes :*

None ;

(c) *On Leave of Absence, two (2) :*

Holthuis ; Mertens ;

(d) *Voting Papers not returned, three (3) :*

Jaczewski² ; Kühnelt³ ; Prantl⁴.

7. Declaration of Result of Vote : On 12th March 1955, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P.(O.M.)(55)5, signed a Certificate that the Votes cast were as set out in paragraph 6 above and declaring that the proposal

² A late affirmative vote was received from Commissioner Jaczewski on 12th April 1955.

³ A late affirmative vote was received from Commissioner Kühnelt on 23rd March 1955.

⁴ A late affirmative vote was received from Commissioner Prantl on 17th May 1955.

submitted in the foregoing Voting Paper, less the proposal withdrawn therefrom by the Direction issued by the Secretary on 11th March 1955 (paragraph 5 above), had been duly adopted and that the decision so taken was the decision of the International Commission in the matter aforesaid.

8. Preparation of the Ruling given in the present " Direction " :

On 22nd March 1955 Mr. Hemming prepared the Ruling given in the present *Direction* and at the same time signed a Certificate that the terms of that Ruling were in complete accord with those of the proposal approved by the International Commission in its Vote on Voting Paper V.P.(O.M.)(55)5.

9. Original References : The original references for the family-group names placed on the *Official List* and *Official Index* of such names by the Ruling given in the present *Direction* are as set out in the Annexe to the paper by the Secretary, dated 11th February 1955, reproduced in paragraph 1 of the present *Direction*.

10. The names of the genera which are the type genera of the family-group taxa, the names of which have been placed on the *Official List of Family-Group Names in Zoology* by the Ruling given in the present *Direction* have been placed on the *Official List of Generic Names in Zoology* in the *Opinions* embodying the Commission's decisions in regard to those names or, in the small number of cases where an *Opinion* has not yet been rendered, will be so placed when the Rulings giving effect to the decisions concerned are embodied in *Opinions*.

11. The prescribed procedures were duly complied with by the International Commission on Zoological Nomenclature in dealing with the present case, and the present *Direction* is accordingly hereby rendered in the name of the said International

Commission by the under-signed Francis Hemming, Secretary to the International Commission on Zoological Nomenclature, in virtue of all and every the powers conferred upon him in that behalf.

12. The present *Direction* shall be known as *Direction* Fourteen (14) of the International Commission on Zoological Nomenclature.

DONE in London, this Twenty-Second day of March, Nineteen Hundred and Fifty-Five.

*Secretary to the International Commission
on Zoological Nomenclature*

FRANCIS HEMMING

NOTICE TO SUBSCRIBERS

- (1) The present volume will be complete as soon as four further Parts (Parts 19 to 22) have been published. Part 19 will be devoted to "Declaration" 20, Parts 20 and 21 to "Directions" concerned with family-group names arising in connexion with generic names dealt with in the present volume, while Part 22 will contain the indexes and title page of the present volume.
- (2) The first two Parts of volume 11 are already in proof and it is likely therefore that the publication of volume 11 will begin before that of volume 10 has been completed.